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PIC/PAD/36/60
22 March 1960

25X1A

TO : TCO/DDP

ATTN :

SUBJECT : Transmittal of a Preliminary Analysis of Aerial Photography
Made between Ochangchire and Adler USSR.

REFERENCES: (a) Requirement No. DP-HTA/R95/59, Project No. P 378/59.
(b) WAC 324, 1:1,000,000

1. Preliminary analysis submitted in response to the referenced requirement is contained in Attachment 1.

2. The original negatives, photo logs and photo prints which accompanied the referenced requirement are contained in attachments 2 and 3.

3. An approximate flight track plotted on WAC 324 is forwarded as attachment 4.

4. Following is an evaluation of the negatives and a brief recommendation for improving the end product quality:

(a) Type of Film: The Illford HP 3 and FP 3 which was used is good.

(b) Making the Exposure: The main defect in the film is overexposure due to haze or more precisely a failure to filter out the blue light.

(c) Processing: The processing was poor in that the film was overdeveloped, and, apparently, five-grain developer was not used.

(d) Recommendation: The use of a "minus blue" filter or, if not available, an "Aero Yellow" filter will minimize this overexposure.

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A recognition of the different types of haze and the selection of the appropriate filter requires a good amount of experience; however, since the above mentioned filters will eliminate the effects of haze, but will not seriously affect quality where there is no haze it is suggested that the filter be used throughout. The HP 3 is slightly superior to the FP-3 for use with these filters.

Chief, Photo Analysis Division

Attachments:

1. Preliminary Analysis (w/all copies)
2. Negatives Rolls IV, V, and VI (w/original only)
3. Photo prints and photo logs (w/original only)
4. WAC 324 w/flight track (w/original only)

Distribution:

- Orig. & 1 - Addressee
1 - PIC/CCS/R
2 - PIC/PAD/ESS

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